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PATENT TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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#4
pp

In re United States Patent Application of:

Applicant: Gallo et al.

Serial No.: 09/677,152

Date Filed: October 2, 2000

Title: THERAPEUTIC FRACTIONS OF
SOURCES OF hCG

Docket No.: 4115-116 DIV 4
 Examiner: Not yet assigned.
 Group Art Unit: Not yet assigned.
 Paper No.: 4

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FIRST CLASS MAIL CERTIFICATE

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to the Commissioner for Patents, Washington, DC 20231, and First Class Mailed under the provisions of 37 CFR 1.8.

Blake Crouch

March 7, 2001

Date of Mailing

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

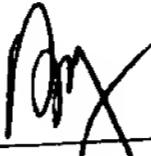
Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) numbered on the attached PTO-1449.

Copies of new references IR to JY were originally submitted with the parent case (U.S. Patent Application No. 09/220,415), and therefore copies of such references IR to JY are not submitted herein.

It is respectfully requested that the information listed on the attached PTO-1449 be expressly considered during the prosecution of this application, and that the reference(s) be made of record and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,



Steven J. Hultquist
Reg. No. 28,021
Attorney for Applicant

INTELLECTUAL PROPERTY/
TECHNOLOGY LAW
P.O. Box 14329
Research Triangle Park, NC 27709
Telephone: (919) 419-9350
Fax: (919) 419-9354
Attorney Ref: 4115-116 DIV 4

CFORM PTO-1449		US Dept. of Commerce Patent and Trademark Office		ATTORNEY DOCKET NO. 4115-116 DIV 4	SERIAL NO. 09/677,152	
INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)		APPLICANT Gallo et al.		RECEIVED MAILED 15 2001		OIPC MAR 13 2001 JC104 PATENT & TRADEMARK OFFICE
		FILING DATE September 29, 2000		CENTER 1600		GROUP 1648 Not Yet Assigned
		U.S. PATENT DOCUMENTS				FILING DATE IF APPROPRIATE
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS
OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)						
JP	IR	Alfthan et al. (1992) Cancer Res. 52: 4628-4633.				
	IS	Bagshawe (1992) Acta Oncol. 31: 99-106.				
	IT	Bidart, J-M et al., "Human Chorionic Gonadotropin Molecular Forms, Detection, and Clinical Implications." TEM 4:285 (1993).				
	IU	Birken, S. et al., "Structure of the Human Chorionic Gonadotropin .beta.-Subunit Fragment from Pregnancy Urine." Endocrinology 123:572 (1988).				
	IV	Bourinbaiar, A.S. et al., "Pregnancy hormones, estrogen and progesterone, prevent HIV-1 synthesis in monocytes but not in lymphocytes." FEBS LETTERS 302:206 (1992).				
	IW	Chen, W. et al., "Recombinant Carbohydrate Variant of Human Choriogonadotropin .beta.-Subunit (hCG.beta.) Descarboxyl Terminus (115-145)." Journal of Biological Chemistry 266:6246 (1991).				
	IX	Cole, L.A., et al., "The Deactivation of hCG by Nicking and Dissociation" Journal of Clinical Endocrinology and Metabolism 76:704 (1993).				
	IY	Cole, Laurence A. et al., "The Heterogeneity of Human Chorionic Gonadotropin (hCG). III. The Occurrence and Biological and Immunological Activities of Nicked hCG." Endocrinology 129:1559 (1991).				
	IZ	Curti, Critical Reviews in Oncology/Hematology, vol.14, pp. 29-39, 1993.				
	JA	Danforth, D.N., Jr., M.D., "How Subsequent Pregnancy Affects Outcome in Women with a Prior Breast Cancer." Oncology 5:23 (1991).				
	JB	Elford et al. (1993) AIDS 7: 1667-1671.				
	JC	Freireich, E.J. et al., "Quantitative Comparison of Toxicity of Anticancer Agents in Mouse, Rat, Hamster, Dog, Monkey, and Man." Cancer Chemotherapy Reports 50:219 (1966).				
	JD	Hirabayashi, M., M.D., "Early Gastric Cancer and a Concomitant Pregnancy", The American Surgeon 53:730 (1987).				
	JE	Huang, J. et al., "Amino/Carboxyl-terminal Deletion Mutants of Human Choriogonadotropin .beta.." The Journal of Biological Chemistry 268:9311 (1993).				
	JF	Huang, J. et al., "Mutagenesis of the 'determinant loop' region of human choriogonadotropin .beta.." Molecular and Cellular Endocrinology 90:211 (1993).				
	JG	Jain, Scientific American, pp. 58-65, Jul. 1994.				
Continue on Page 2						
EXAMINER				DATE CONSIDERED 11/25/02		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						

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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">JH</td> <td>Kumar, S. et al., "Necrosis and Inhibition of Growth of Human Lung Tumor by Anti-.alpha.-Human Chorionic Gonadotropin Antibody." J. Natl Cancer Inst. 84:42 (1992).</td> </tr> <tr> <td></td> <td style="text-align: center;">JI</td> <td>Loosfelt, H. et al., "Cloning and Sequencing of Porcine LH-hCG Receptor cDNA: Variants Lacking Transmembrane Domain." Science 245:525 (1989).</td> </tr> <tr> <td></td> <td style="text-align: center;">JJ</td> <td>Mann et al, Scand. J. Clin. Lab. Invest. , Suppl. vol. 216, pp. 97-104, 1993.</td> </tr> <tr> <td></td> <td style="text-align: center;">JK</td> <td>Marcillac et al. (1992) Cancer Res. 52: 3901-3907.</td> </tr> <tr> <td></td> <td style="text-align: center;">JL</td> <td>McFarland, K.C. et al., "Lutropin-Choriogonadotropin Receptor: An Unusual Member of the G Protein-Coupled Receptor Family." 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